

Central Valley Vegetation Mapping

Approach,
methods,
and challenges



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PUBLIC SAFETY

ENVIRONMENTAL STEWARDSHIP

ECONOMIC STABILITY

Background

- Baseline habitat / land use data
 - Medium Scale (Group Level)
 - Seamless current coverage
 - Standardized Methodology
 - Consistent Base Imagery
 - Fine Scale (Alliance Level)
 - Refined Categories
 - Standardized Methodology
 - Consistent Base Imagery

Development Objectives

- Create Medium Scale (Group Level) Mapping Coverage
- Refine Medium Scale to Fine Scale (Alliance Level) Mapping

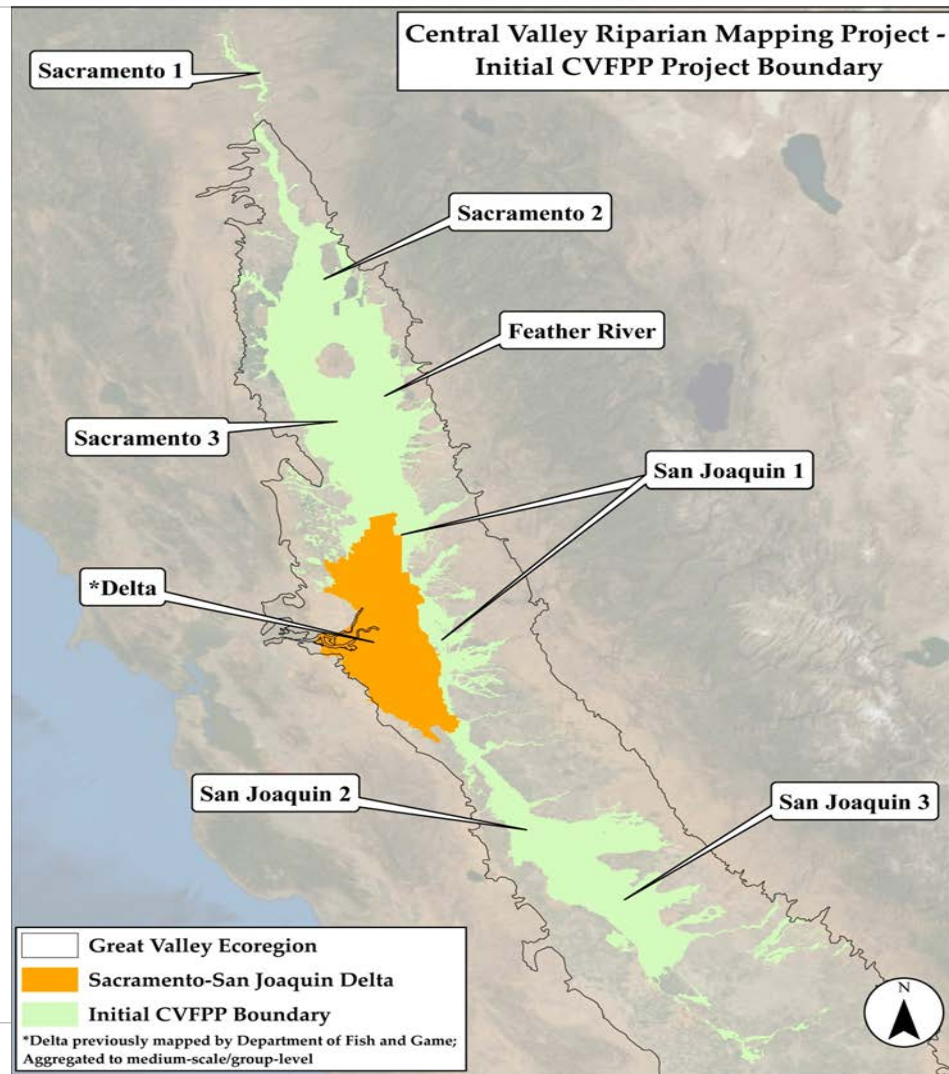
Development Objectives

To provide an understanding and baseline of the Great Valley's vegetation for the development and implementation of the Central Valley Flood Protection Plan and Central Valley Flood System Conservation Strategy.

Study Area

- Medium Scale (Group Level)
 - Current Flood Protection Study Area
 - Additional Watersheds
 - Combine existing mapping

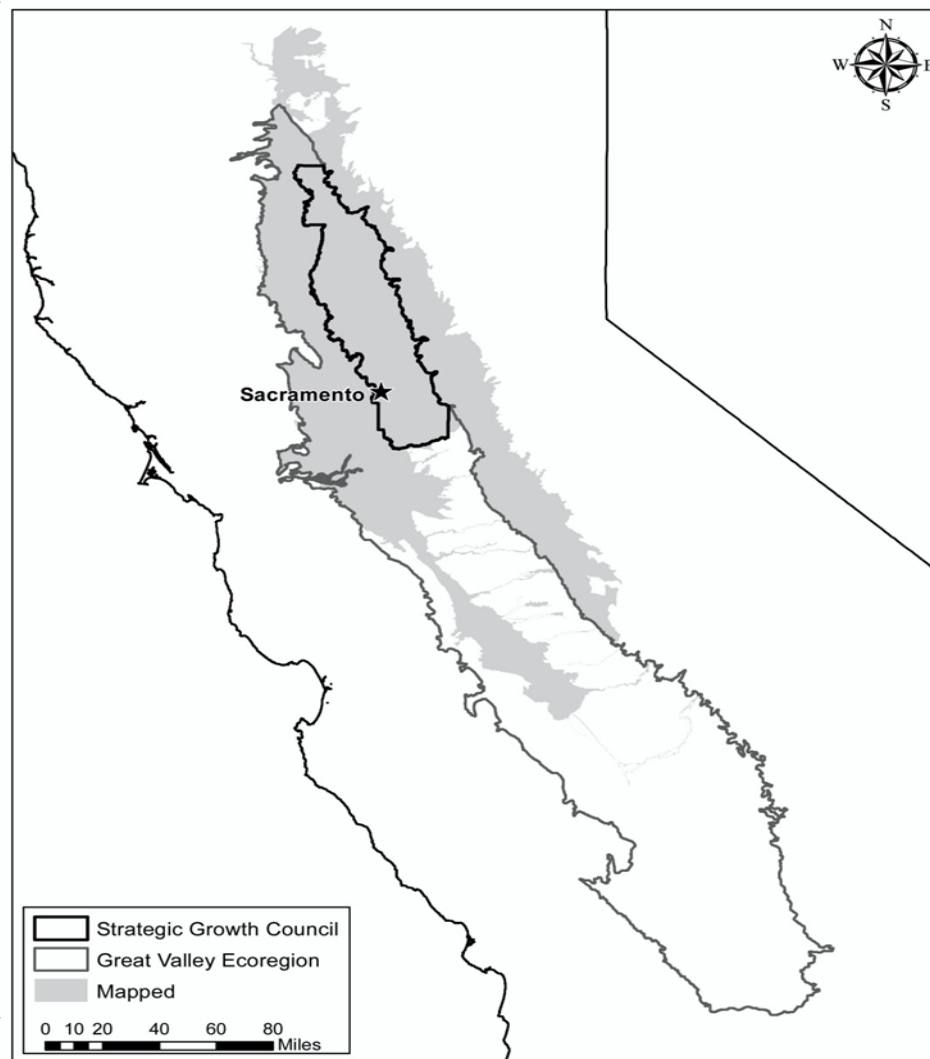
Study Area



Study Area

- Fine Scale (Alliance Level)
 - All Existing Medium Scale Reaches
 - Expanded Upland area

Study Area



Methods

- Ground work
- Classification
- Partnership
- Creation

Methods



Methods

- Ground work
- Classification
- Partnership
- Creation
- **Verification**
- **Challenges**
- **QA/QC**
- **Accuracy Assessment**
- **Final Results**

Results

- Seamless Medium Scale Mapping Coverage for regional planning
- Seamless Fine Scale Mapping Coverage for refined analysis

Discussion

- Future Uses
- Future Direction
- Questions

Discussion

